Moving to ‘Living’ Stroke Clinical Guidelines

LSR workshop
Cochrane Colloquium
Kelvin Hill
khill@strokefoundation.org.au
Background

- National guidelines since 2003
- Collaborate internationally since 2006
- Normally 2 year updating cycle
- Advocating for living guidelines++
- Fourth update (2017) moved to using GRADE and online platform (MAGIC)
- Monitor use via national audit
Current project

- 3 year funding to develop and evaluate living guidelines
- Partnership with Cochrane Australia
- Evaluating processes and outcomes
- Initial planning underway including tech platform development, consumer involvement and KT
Vision

Clinical practice data

Newly published research

Multilayered formats on all devices

Integrated in electronic medical records

Decision aids for patients and clinicians

Updated recommendations

Dynamic evidence summaries

Guidelines panel

Clinical practice & policy
Tech opportunities and development

Search
- Pubmed, DORIS, CENTRAL/CRS
- (regular feeds)

Screen 1
- Classifiki, pipeline workflow (Crowd)
- (Stroke specific crowd tasks)

Screen 2
- Covidence (DORIS)
- Living PRISMA flowchart, automatic full text retrieval

Extract
- Covidence & MAGIC/others
- Better coordination of data across platforms

Synthesis
- RevMAN
- Ability to manipulate forest plots to understand impact
# Tech opportunities and development

<table>
<thead>
<tr>
<th>Section</th>
<th>Opportunities</th>
</tr>
</thead>
</table>
| SoF     | • MAGIC, RevMAN  
          • Dynamic update from RevMAN |
| Recs    | • MAGIC  
          • (Patient decision support tools) |
| Dev GL  | • MAGIC  
          • Ability to communicate changes |
| Publish | • MAGIC  
          • (Version control and communicate change) |
Other aspects of development

- Patient values and preferences
- KT literature?
- ? Templates or ways of appraising data
- Additional qualitative or quantitative data collection
Other aspects of development

SoF
• GRADE profile specifically reports values/prefs

Recs
• MAGIC – consumer involvement in discussions
  • Ensure specific and actionable

Dev GL
• Ensure all relevant details are noted (practical considerations)

Publish
• Co-production of consumer products, shared decision making
  • Shared decision support tools, CDS tools, clinical performance